

## ES Further Information – Construction Traffic

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At this outline stage, it has been necessary to make a number of assumptions in order to provide an indication of the likely construction traffic flows, the following assumptions have been made:

- A buildout rate of 120 units per year;
- A balance of cut and fill will be achieved within the Proposed Development, therefore no significant import or export of fill material;
- Construction vehicles would access the Site from North Dane Way, the route of the construction traffic would therefore be along North Dane Way and then via routes to the A299/M2.

Considering the above assumptions, an estimate of the likely construction traffic trips would be 80 vehicles per week (two-way trips), of which 50 would be Heavy Goods Vehicles (HGVs).

As discussed in the ES, with regards to the impact of emissions from road traffic on air quality, guidance provided by the IAQM & Environmental Protection UK (EPUK) provides the following threshold criteria for establishing when significant impacts on local air quality may occur and when a detailed assessment of potential impacts is required.

- *At locations outside an Air Quality Management Area (AQMA), a change in light duty vehicles (LDV) of more than 500 per day and / or a change in heavy duty vehicles (HDV) of more than 100 per day is considered to result in potentially significant impacts on air quality.*
- *At locations within or adjacent to an AQMA, a change in LDVs of more than 100 per day and / or a change in HDVs of more than 25 per day is considered potentially significant.*

The Site is not located within an AQMA. According to the IAQM & EPUK criteria the impact of 80 (two-way) vehicle trips per week would not result in any significant impact on air quality; detailed assessment of the impact of the additional emissions arising from construction traffic is therefore not required. This is consistent with the ES as construction traffic has been scoped out as it was considered likely to be insignificant.

